

1. A fabric and/or dishwashing and/or hard surface cleaning composition comprising:
- (a) an effective amount of a protease variant wherein said protease variant includes a substitution of an amino acid residue with another naturally occurring amino acid residue at an amino acid residue position corresponding to position 103 of *Bacillus amyloliquefaciens* subtilisin in combination with a substitution of an amino acid residue with another naturally occurring amino acid residue at one or more amino acid residue positions corresponding to positions 1, 3, 4, 8, 9, 10, 12, 13, 16, 17, 18, 19, 20, 21, 22, 24, 27, 33, 37, 38, 42, 43, 48, 55, 57, 58, 61, 62, 68, 72, 75, 76, 77, 78, 79, 86, 87, 89, 97, 98, 99, 101, 102, 104, 106, 107, 109, 111, 114, 116, 117, 119, 121, 123, 126, 128, 130, 131, 133, 134, 137, 140, 141, 142, 146, 147, 158, 159, 160, 166, 167, 170, 173, 174, 177, 181, 182, 183, 184, 185, 188, 192, 194, 198, 203, 204, 205, 206, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 222, 224, 227, 228, 230, 232, 236, 237, 238, 240, 242, 243, 244, 245, 246, 247, 248, 249, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 265, 268, 269, 270, 271, 272, 274 and 275 of *Bacillus amyloliquefaciens* subtilisin; wherein when said protease variant includes a substitution of amino acid residues at positions corresponding to positions 103 and 76, there is also a substitution of an amino acid residue at one or more amino acid residue positions other than amino acid residue positions corresponding to positions 27, 99, 101, 104, 107, 109, 123, 128, 166, 204, 206, 210, 216, 217, 218, 222, 260, 265 or 274 of *Bacillus amyloliquefaciens* subtilisin; and
- (b) one or more cleaning adjunct materials.
2. The cleaning composition according to Claim 1 wherein said protease variant is derived from a *Bacillus* subtilisin, preferably *Bacillus lentus* subtilisin or subtilisin 309.
3. The cleaning composition according to Claim 1 wherein said protease variant includes substitutions of the amino acid residues at position 103 and at one or more of the following positions 236 and 245, preferably at positions 103 and 236 and at one or more of the following positions: 12, 61, 62, 68, 76, 97, 98, 101, 102, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 211, 212, 213, 215, 217, 230, 232, 248, 252, 257, 260, 270 and 275 or at positions 103 and 245 and at one or more of the following positions: 12, 61, 62, 68, 76, 97, 98, 101, 102, 104, 109, 130, 131, 159, 170, 183, 185, 205, 209, 210, 211, 212, 213, 215, 217, 222, 230, 232, 248, 252, 257, 260, 261, 270 and 275, more preferably at positions 103, 236 and 245 and at one or more of the following positions: 12, 61, 62, 68, 76, 97, 98, 101, 102, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 211, 212, 213, 215, 217, 230, 232, 248, 252, 257, 260, 270 and 275.

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4. The cleaning composition according to Claim 1 wherein said protease variant includes a substitution set selected from the group consisting of:

- 12/102/103/104/159/212/232/236/245/248/252; 12/76/103/104/130/170/185/222/243/245;
 12/76/103/104/130/222/245/261; 12/76/103/104/222/245;
 5 12/76/103/104/130/222/245;
 61/68/103/104/159/232/236/245/248/252; 62/103/104/159/213/232/236/245/248/252;
 62/103/104/109/159/213/232/236/245/248/252; 62/103/104/159/232/236/245/248/252;
 62/101/103/104/159/212/213/232/236/245/248/252;
 62/103/104/130/159/213/232/236/245/248/252;
 10 68/103/104/159/232/236/245/248/252/270;
 68/103/104/159/185/232/236/245/248/252; 68/103/104/159/210/232/236/245/248/252;
 68/103/104/159/185/210/232/236/245/248/252; 68/103/104/159/213/232/236/245/248/252;
 68/103/104/159/230/232/236/245; 68/76/103/104/159/209/232/236/245;
 68/103/104/232/236/245/248/257/275; 68/103/104/213/232/236/245/248/252;
 15 68/103/104/159/232/236/245/248/252; 68/103/104/159/209/232/236/245;
 68/76/103/104/159/236; 68/76/103/104/159/236/245;
 68/76/103/104/159/232/236/245; 68/103/104/159/232/236/245/252;
 68/103/104/159/232/236/245; 68/103/104/159/232/236/245/257;
 68/76/103/104/159/211/232/236/245; 68/76/103/104/159/215/232/236/245;
 20 68/103/104/159/210/232/236/245; 68/103/104/159/213/232/236/245/260;
 68/76/103/104/159/213/232/236/245/260; 68/103/104/159/236;
 68/76/103/104/159/210/232/236/245/260; 68/103/104/159/236/245;
 68/103/104/159/183/232/236/245/248/252; 68/76/103/104/159/236/245;
 68/103/104/232/236/245/257/275; 68/103/104/159/213/232/236/245;
 25 76/103/222/245; 76/103/104/159/232/236/245;
 76/103/104/159/213/232/236/245/260; 76/103/104/159;
 76/103/104/131/159/232/236/245/248/252; 76/103/104/222/245;
 97/103/104/159/232/236/245/248/252;
 98/102/103/104/159/212/232/236/245/248/252; 98/103/104/159/232/236/245/248/252;
 30 101/103/104/159/232/236/245/248/252; 102/103/104/159/232/236/245/248/252;
 103/104/159/232/236/245; 103/104/159/232/236/245/248/252;
 103/104/159/205/209/232/236/245/257 103/104/159/232/245/248/252;
 103/104/159/205/209/210/232/236/245/257; 103/104/159/213/232/236/245/248/252;
 103/104/159/217/232/236/245/248/252; 103/104/130/159/232/236/245/248/252;
 35 103/104/159/230/236/245; 103/104/159/236/245;
 103/104/159/248/252/270; 103/104/131/159/232/236/245/248/252;
 103/104/159/205/209/232/236/245; and 103/104/159/232/236/245/257.

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5. The cleaning composition according to Claim 4 wherein said protease variant includes a substitution set selected from the group consisting of:

- 12R/76D/103A/104T/130T/222S/245R;
 5 12R/76D/103A/104I/222S/245R;
 12R/102A/103A/104I/159D/212G/232V/236H/245R/248D/252K;
 12R/76D/103A/104T/130G/222S/245R/261D;
 12R/76D/103A/104T/130G/170S/185D/222S/243D/245R;
 61E/68A/103A/104I/159D/232V/236H/245R/248D/252K;
 10 62D/103A/104I/109R/159D/213R/232V/236H/245R/248D/252K;
 62D/103A/104I/159D/213R/232V/236H/245R/248D/252K;
 62D/103A/104I/159D/232V/236H/245R/248D/252K;
 62D/103A/104I/130G/159D/213R/232V/236H/245R/248D/252K;
 62D/101G/103A/104I/159D/212G/213R/232V/236H/245R/248D/252K;
 15 68A/76D/103A/104I/159D/213R/232V/236H/245R/260A;
 68A/103A/104I/159D/236H;
 68A/103A/104I/159D/236H/245R;
 68A/76D/103A/104I/159D/210I/232V/236H/245R/260A;
 68A/103A/104I/159D/183D/232V/236H/245R/248D/252K;
 20 68A/103A/104I/159D/209W/232V/236H/245R;
 68A/76D/103A/104I/159D/211R/232V/236H/245R;
 68A/76D/103A/104I/159D/215R/232V/236H/245R;
 68A/103A/104I/159D/213R/232V/236H/245R/260A;
 68A/76D/103A/104I/159D/236H;
 25 68A/76D/103A/104I/159D/236H/245R;
 68A/76D/103A/104I/159D/232V/236H/245R;
 68A/103A/104I/159D/232V/236H/245R/252K;
 68A/103A/104I/159D/232V/236H/245R;
 68A/103A/104I/159D/232V/236H/245R/257V;
 30 68A/103A/104I/159D/185D/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/210L/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/185D/210L/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/213E/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/230V/232V/236H/245R;
 35 68A/76D/103A/104I/159D/209W/232V/236H/245R;
 68A/103A/104I/232V/236H/245R/248D/257V/275H;
 68A/103A/104I/232V/236H/245R/257V/275H;

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68A/103A/104I/213E/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/210I/232V/236H/245R;
 68A/103A/104I/159D/210L/232V/236H/245R;
 5 68A/103A/104I/159D/213G/232V/236H/245R;
 68A/103A/104I/159D/232V/236H/245R/248D/252K/270A;
 76D/103A/222S/245R;
 76D/103A/104I/159D/232V/236H/245R;
 76D/103A/104I/159D;
 10 76D/103A/104I/222S/245R;
 76D/103A/104I/131V/159D/232V/236H/245R/248D/252K;
 76D/103A/104I/159D/213R/232V/236H/245R/260A;
 97E/103A/104I/159D/232V/236H/245R/248D/252K;
 98L/103A/104I/159D/232V/236H/245R/248D/252K;
 15 98L/102A/103A/104I/159D/212G/232V/236H/245R/248D/252K;
 101G/103A/104I/159D/232V/236H/245R/248D/252K;
 102A/103A/104I/159D/232V/236H/245R/248D/252K;
 103A/104I/159D/232V/236H/245R/248D/252K;
 103A/104I/159D/213R/232V/236H/245R/248D/252K;
 20 103A/104I/130G/159D/232V/236H/245R/248D/252K;
 103A/104I/159D/230V/236H/245R;
 103A/104I/159D/217E/232V/236H/245R/248D/252K;
 103A/104I/159D/236H/245R;
 103A/104I/159D/248D/252K/270V;
 25 103A/104I/159D/232V/236H/245R;
 103A/104I/159D/205I/209W/232V/236H/245R;
 103A/104I/159D/232V/236H/245R/257V;
 103A/104I/159D/205I/209W/232V/236H/245R/257V;
 103A/104I/131V/159D/232V/236H/245R/248D/252K;
 30 103A/104I/159D/205I/209W/210I/232V/236H/245R/257V; and
 103A/104I/159D/232V/245R/248D/252K.

6. The cleaning composition according to Claim 1 wherein said cleaning adjunct materials are selected from the group consisting of surfactants, solvents, buffers, enzymes, soil release agents, clay soil removal agents, dispersing agents, brighteners, suds suppressors, fabric softeners, suds boosters, enzyme stabilizers, builders, other bleaching agents, dyes, perfumes, chelants and mixtures thereof.

7. The cleaning composition according to Claim 6 wherein said cleaning adjunct materials comprise at least one deterative surfactant, preferably a branched surfactant, more preferably a mid-chained branched surfactant.

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8. The cleaning composition according to Claim 7 wherein the cleaning adjunct materials comprise at least about 0.1% surfactant by weight of the composition, said surfactant comprising materials selected from the group consisting of alkyl benzene sulfonates, primary alkyl sulfates, secondary alkyl sulfates, alkyl alkoxy sulfates, alkyl alkoxy carboxylates, alkyl polyglycosides and their corresponding sulfated polyglycosides, alpha-sulfonated fatty acid esters, alkyl and alkyl phenol alkoxylates, betaines and sulfobetaines, amine oxides, N-methyl glucamides, nonionic primary alcohol ethoxylates, nonionic primary alcohol mixed ethoxy/propoxy, and mixtures thereof.

10 9. The cleaning composition according to Claim 8 further comprising at least about 5% builder selected from the group consisting of zeolites, polycarboxylates, layered silicates, phosphates, and mixtures thereof.

15 10. The cleaning composition according to Claim 6 wherein said cleaning adjunct materials comprise at least one deterative enzyme selected from the group consisting of cellulases, lipases, amylases, phospholipases, other proteases, peroxidases and mixtures thereof.

20 11. The cleaning composition according to Claim 6 wherein said cleaning adjunct materials comprise at least one bleaching agent preferably selected from the group consisting of percarbonates, perborates and mixtures thereof, and optionally further comprising at least one bleach activator preferably selected from the group consisting of benzoyloxybenzenesulphonate (BOBS), nonanoyloxybenzenesulphonate (NOBS), decanoyloxybenzenesulphonate (C₁₀-OBS), octanoyloxybenzenesulphonate (C₈-OBS), perhydrolyzable esters, 4-[N-(nonaoyl) amino hexanoyloxy]-benzene sulfonate sodium salt (NACA-OBS), lauryloxybenzenesulphonate (LOBS or C₁₂-OBS), 10-undecenoyloxybenzenesulfonate (UDOBS or C₁₁-OBS with unsaturation in the 10 position), and decanoyloxybenzoic acid (DOBA) and mixtures thereof, and further optionally comprising at least one bleach catalyst, preferably 3-(3,4-dihydroisoquinolium) propane sulfonate.

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12. The cleaning composition according to Claim 1 wherein said cleaning composition is a fabric cleaning composition, preferably in the form of a liquid, granule, bar, tablet, gel, powder or foam, comprising at least about 5% surfactant and at least about 5% builder by weight of the composition.

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13. The cleaning composition according to Claim 1 wherein said cleaning composition is a fabric cleaning composition comprising:

(a) from about 0.0001% to about 10% by weight of said protease variant;

(b) at least about 5% by weight of a surfactant preferably selected from the group consisting of alkyl benzene sulfonates, primary alkyl sulfates, secondary alkyl sulfates, alkyl alkoxy sulfates, alkyl alkoxy carboxylates, alkyl polyglycosides and their corresponding sulfated polyglycosides, alpha-sulfonated fatty acid esters, alkyl and alkyl phenol alkoxyates, betaines and sulfobetaines, amine oxides, N-methyl glucamides, nonionic primary alcohol ethoxylates, nonionic primary alcohol mixed ethoxy/propoxy, and mixtures thereof; and wherein further the builder is selected from the group consisting of zeolites, polycarboxylates, layered silicates, phosphates, and mixtures thereof; and

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(c) at least about 5% by weight of a builder preferably selected from the group consisting of zeolites, polycarboxylates, layered silicates, phosphates, and mixtures thereof.

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14. The cleaning composition according to Claim 25 is in the form of a concentrated granular fabric cleaning composition comprising at least about 15% surfactant.

15. A method for cleaning fabric, said method comprising contacting a fabric in need of cleaning with a cleaning composition according to Claims 12 or 13.

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16. The cleaning composition according to Claim 1 wherein said cleaning composition is a dishwashing composition, preferably in the form of a liquid, granule, powder, gel or tablet, comprising:

(a) from about 0.0001% to about 10% by weight of said protease variant; and

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(b) from about 0.1% to about 10% by weight of a surfactant.

17. A method for cleaning dishes, said method comprising contacting a dish in need of cleaning with a cleaning composition according to Claim 16.

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18. A personal cleansing composition comprising:

(a) an effective amount of a protease variant wherein said protease variant includes a substitution of an amino acid residue with another naturally occurring amino acid residue

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at an amino acid residue position corresponding to position 103 of *Bacillus amyloliquefaciens* subtilisin in combination with a substitution of an amino acid residue with another naturally occurring amino acid residue at one or more amino acid residue positions corresponding to positions 1, 3, 4, 8, 9, 10, 12, 13, 16, 17, 18, 19, 20, 21, 22, 24, 27, 33, 37, 38, 42, 43, 48, 55, 57, 58, 61, 62, 68, 72, 75, 76, 77, 78, 79, 86, 87, 89, 97, 98, 99, 101, 102, 104, 106, 107, 109, 111, 114, 116, 117, 119, 121, 123, 126, 128, 130, 131, 133, 134, 137, 140, 141, 142, 146, 147, 158, 159, 160, 166, 167, 170, 173, 174, 177, 181, 182, 183, 184, 185, 188, 192, 194, 198, 203, 204, 205, 206, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 222, 224, 227, 228, 230, 232, 236, 237, 238, 240, 242, 243, 244, 245, 246, 247, 248, 249, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 265, 268, 269, 270, 271, 272, 274 and 275 of *Bacillus amyloliquefaciens* subtilisin; wherein when said protease variant includes a substitution of amino acid residues at positions corresponding to positions 103 and 76, there is also a substitution of an amino acid residue at one or more amino acid residue positions other than amino acid residue positions corresponding to positions 27, 99, 101, 104, 107, 109, 123, 128, 166, 204, 206, 210, 216, 217, 218, 222, 260, 265 or 274 of *Bacillus amyloliquefaciens* subtilisin; and

(b) one or more cleaning adjunct materials.

19. The personal cleansing composition according to Claim 18 wherein said personal cleansing composition comprises:

(a) from about 0.001% to about 5%, preferably from about 0.001% to about 2%, more preferably from about 0.002% to about 0.8% by weight of said protease variant; and

(b) from about 0.1% to about 95% by weight of a surfactant system preferably comprising a surfactant selected from the group consisting of anionic carboxylates, amine oxides, alkyl glucosides, glucose amides, alkyl sulfates, alkyl ether sulfates, acyl isethionates, alkyl sulfosuccinates, alkyl phosphate esters, ethoxylated phosphate esters, alkyl glyceryl ether sulfonates and mixtures thereof, more preferably comprising a surfactant selected from the group consisting of soaps, acylglutamates, alkyl sarcosinates, lauramine oxides, cocamine oxides, cocamindopropylamine oxides, decylglucosides, lauryl sulfates, laureth sulfates, C₁₂₋₁₈ acyl isethionates and mixtures thereof; and

(c) optionally, from about 0.05% to about 50% by weight of an enzyme stabilizer.

20. The personal cleansing composition according to Claim 19 wherein said surfactant is soap at a level of at least about 2%, preferably at least about 10%, more preferably at least about 25% by weight of the cleaning composition.

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21. The personal cleansing composition according to Claim 20 wherein the ratio of soap to protease variant is from about 2,000:1 to about 8:1, preferably from about 400:1 to about 40:1.

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22. A method for personal cleansing, said method comprising contacting a part of the human or lower animal body in need of cleaning with a cleaning composition according to Claim 18.

10 23. A fabric and/or dishwashing and/or hard surface cleaning composition comprising:
 (a) an effective amount of a protease variant wherein said protease variant includes a substitution of an amino acid residue with another naturally occurring amino acid residue at one or more amino acid residue positions corresponding to positions 62, 212, 230, 232, 252 and 257 of *Bacillus amyloliquefaciens* subtilisin; and
 15 (b) one or more cleaning adjunct materials.

24. The cleaning composition according to Claim 23 wherein said protease variant is derived from a *Bacillus* subtilisin, preferably *Bacillus lentus* subtilisin or subtilisin 309.

20 25. The cleaning composition according to Claim 23 wherein said protease variant includes substitutions of the amino acid residues at one or more of the following positions selected from the group consisting of:

- 1) position 62 and at one or more of the following positions 103, 104, 109, 159, 213, 232, 236, 245, 248 and 252;
- 25 2) position 212 and at one or more of the following positions 12, 98, 102, 103, 104, 159, 232, 236, 245, 248 and 252;
- 3) position 230 and at one or more of the following positions 68, 103, 104, 159, 232, 236 and 245;
- 4) position 232 and at one or more of the following positions: 12, 61, 62, 68, 76, 30 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 212, 213, 217, 230, 236, 245, 248, 252, 257, 260, 270 and 275;
- 5) position 232 and at one or more of the following positions 103, 104, 236 and 245;
- 6) positions 232 and 103 and at one or more of the following positions: 12, 61, 62, 35 68, 76, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 212, 213, 217, 230, 236, 245, 248, 252, 257, 260, 270 and 275;

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7) positions 232 and 104 and at one or more of the following positions: 12, 61, 62, 68, 76, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 212, 213, 217, 230, 236, 245, 248, 252, 257, 260, 270 and 275;

8) positions 232 and 236 and at one or more of the following positions: 12, 61, 62, 68, 76, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 212, 213, 217, 230, 236, 245, 248, 252, 257, 260, 270 and 275;

9) positions 232 and 245 and at one or more of the following positions: 12, 61, 62, 68, 76, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 212, 213, 217, 230, 236, 245, 248, 252, 257, 260, 270 and 275;

10) positions 232, 103, 104, 236 and 245 and at one or more of the following positions: 12, 61, 62, 68, 76, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 205, 209, 210, 212, 213, 217, 230, 236, 245, 248, 252, 257, 260, 270 and 275;

11) position 252 and at one or more of the following positions: 12, 61, 62, 68, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 210, 212, 213, 217, 232, 236, 245, 248 and 270;

12) position 252 and at one or more of the following positions 103, 104, 236 and 245;

13) positions 252 and 103 and at one or more of the following positions: 12, 61, 62, 68, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 210, 212, 213, 217, 232, 236, 245, 248 and 270;

14) positions 252 and 104 and at one or more of the following positions: 12, 61, 62, 68, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 210, 212, 213, 217, 232, 236, 245, 248 and 270;

15) positions 252 and 236 and at one or more of the following positions: 12, 61, 62, 68, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 210, 212, 213, 217, 232, 236, 245, 248 and 270;

16) positions 252 and 245 and at one or more of the following positions: 12, 61, 62, 68, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 210, 212, 213, 217, 232, 236, 245, 248 and 270;

17) positions 252, 103, 104, 236 and 245 and at one or more of the following positions: 12, 61, 62, 68, 97, 98, 101, 102, 103, 104, 109, 130, 131, 159, 183, 185, 210, 212, 213, 217, 232, 236, 245, 248 and 270;

18) position 257 and at one or more of the following positions 68, 103, 104, 205, 209, 210, 232, 236, 245 and 275.

26. The cleaning composition according to Claim 23 wherein said protease variant includes a substitution set selected from the group consisting of:

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12/102/103/104/159/212/232/236/245/248/252; 61/68/103/104/159/232/236/245/248/252;
 62/103/104/130/159/213/232/236/245/248/252; 62/103/104/159/213/232/236/245/248/252;
 62/103/104/109/159/213/232/236/245/248/252; 62/103/104/159/232/236/245/248/252;
 62/101/103/104/159/212/213/232/236/245/248/252;
 5 68/103/104/159/232/236/245/248/252/270;
 68/103/104/159/185/232/236/245/248/252; 68/103/104/159/210/232/236/245/248/252;
 68/103/104/159/185/210/232/236/245/248/252; 68/103/104/159/213/232/236/245/248/252;
 68/103/104/159/230/232/236/245; 68/76/103/104/159/209/232/236/245;
 68/103/104/232/236/245/248/257/275; 68/103/104/213/232/236/245/248/252;
 10 68/103/104/159/232/236/245/248/252; 68/103/104/159/209/232/236/245;
 68/76/103/104/159/232/236/245; 68/103/104/159/232/236/245/252;
 68/103/104/159/232/236/245; 68/103/104/159/232/236/245/257;
 68/76/103/104/159/211/232/236/245; 68/76/103/104/159/215/232/236/245;
 68/103/104/159/210/232/236/245; 68/103/104/159/213/232/236/245/260;
 15 68/76/103/104/159/213/232/236/245/260; 68/76/103/104/159/210/232/236/245/260;
 68/103/104/159/183/232/236/245/248/252; 68/103/104/232/236/245/257/275;
 68/103/104/159/213/232/236/245; 76/103/104/159/232/236/245;
 76/103/104/159/213/232/236/245/260; 76/103/104/131/159/232/236/245/248/252;
 97/103/104/159/232/236/245/248/252; 98/103/104/159/232/236/245/248/252;
 20 98/102/103/104/159/212/232/236/245/248/252; 101/103/104/159/232/236/245/248/252;
 102/103/104/159/232/236/245/248/252; 103/104/159/232/236/245;
 103/104/159/248/252/270; 103/104/159/232/236/245/248/252;
 103/104/159/205/209/232/236/245/257 103/104/159/232/245/248/252;
 103/104/159/205/209/210/232/236/245/257; 103/104/159/213/232/236/245/248/252;
 25 103/104/159/217/232/236/245/248/252; 103/104/130/159/232/236/245/248/252;
 103/104/131/159/232/236/245/248/252; 103/104/159/205/209/232/236/245; and
 103/104/159/232/236/245/257.

27. The cleaning composition according to Claim 26 wherein said protease variant
 30 includes a substitution set selected from the group consisting of:

12R/102A/103A/104I/159D/212G/232V/236H/245R/248D/252K;
 61E/68A/103A/104I/159D/232V/236H/245R/248D/252K;
 62D/103A/104I/109R/159D/213R/232V/236H/245R/248D/252K;
 62D/103A/104I/159D/213R/232V/236H/245R/248D/252K;
 35 62D/103A/104I/159D/232V/236H/245R/248D/252K;
 62D/103A/104I/130G/159D/213R/232V/236H/245R/248D/252K;
 62D/101G/103A/104I/159D/212G/213R/232V/236H/245R/248D/252K;

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68A/76D/103A/104I/159D/213R/232V/236H/245R/260A;
 68A/76D/103A/104I/159D/210I/232V/236H/245R/260A;
 68A/103A/104I/159D/183D/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/209W/232V/236H/245R;
 5 68A/76D/103A/104I/159D/211R/232V/236H/245R;
 68A/76D/103A/104I/159D/215R/232V/236H/245R;
 68A/103A/104I/159D/213R/232V/236H/245R/260A;
 68A/76D/103A/104I/159D/232V/236H/245R;
 68A/103A/104I/159D/232V/236H/245R/252K;
 10 68A/103A/104I/159D/232V/236H/245R;
 68A/103A/104I/159D/232V/236H/245R/257V;
 68A/103A/104I/159D/185D/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/210L/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/185D/210L/232V/236H/245R/248D/252K;
 15 68A/103A/104I/159D/213E/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/230V/232V/236H/245R;
 68A/76D/103A/104I/159D/209W/232V/236H/245R;
 68A/103A/104I/232V/236H/245R/248D/257V/275H;
 68A/103A/104I/232V/236H/245R/257V/275H;
 20 68A/103A/104I/213E/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/232V/236H/245R/248D/252K;
 68A/103A/104I/159D/210I/232V/236H/245R;
 68A/103A/104I/159D/210L/232V/236H/245R;
 68A/103A/104I/159D/213G/232V/236H/245R;
 25 68A/103A/104I/159D/232V/236H/245R/248D/252K/270A;
 76D/103A/104I/159D/232V/236H/245R;
 76D/103A/104I/131V/159D/232V/236H/245R/248D/252K;
 76D/103A/104I/159D/213R/232V/236H/245R/260A;
 97E/103A/104I/159D/232V/236H/245R/248D/252K;
 30 98L/103A/104I/159D/232V/236H/245R/248D/252K;
 98L/102A/103A/104I/159D/212G/232V/236H/245R/248D/252K;
 101G/103A/104I/159D/232V/236H/245R/248D/252K;
 102A/103A/104I/159D/232V/236H/245R/248D/252K;
 103A/104I/159D/232V/236H/245R/248D/252K;
 35 103A/104I/159D/213R/232V/236H/245R/248D/252K;
 103A/104I/130G/159D/232V/236H/245R/248D/252K;
 103A/104I/159D/217E/232V/236H/245R/248D/252K;

103A/104I/159D/248D/252K/270V;
 103A/104I/159D/232V/236H/245R;
 103A/104I/159D/205I/209W/232V/236H/245R;
 103A/104I/159D/232V/236H/245R/257V;
 5 103A/104I/159D/205I/209W/232V/236H/245R/257V;
 103A/104I/131V/159D/232V/236H/245R/248D/252K;
 103A/104I/159D/205I/209W/210I/232V/236H/245R/257V; and
 103A/104I/159D/232V/245R/248D/252K.

10 28. The cleaning composition according to Claim 23 wherein said cleaning adjunct materials are selected from the group consisting of surfactants, solvents, buffers, enzymes, soil release agents, clay soil removal agents, dispersing agents, brighteners, suds suppressors, fabric softeners, suds boosters, enzyme stabilizers, builders, other bleaching agents, dyes, perfumes, chelants and mixtures thereof.

15 29. The cleaning composition according to Claim 28 wherein said cleaning adjunct materials comprise at least one detergent surfactant, preferably a branched surfactant, more preferably a mid-chained branched surfactant.

20 30. The cleaning composition according to Claim 28 wherein the cleaning adjunct materials comprise at least about 0.1% surfactant by weight of the composition, said surfactant comprising materials selected from the group consisting of alkyl benzene sulfonates, primary alkyl sulfates, secondary alkyl sulfates, alkyl alkoxy sulfates, alkyl alkoxy carboxylates, alkyl polyglycosides and their corresponding sulfated polyglycosides,
 25 alpha-sulfonated fatty acid esters, alkyl and alkyl phenol alkoxyates, betaines and sulfobetaines, amine oxides, N-methyl glucamides, nonionic primary alcohol ethoxylates, nonionic primary alcohol mixed ethoxy/propoxy, and mixtures thereof.

30 31. The cleaning composition according to Claim 30 further comprising at least about 5% builder selected from the group consisting of zeolites, polycarboxylates, layered silicates, phosphates, and mixtures thereof.

35 32. The cleaning composition according to Claim 28 wherein said cleaning adjunct materials comprise at least one detergent enzyme selected from the group consisting of cellulases, lipases, amylases, phospholipases, other proteases, peroxidases and mixtures thereof.

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33. The cleaning composition according to Claim 28 wherein said cleaning adjunct materials comprise at least one bleaching agent preferably selected from the group consisting of percarbonates, perborates and mixtures thereof, and optionally further comprising at least one bleach activator preferably selected from the group consisting of benzoyloxybenzenesulphonate (BOBS), nonanoyloxybenzenesulphonate (NOBS), decanoyloxybenzenesulphonate (C₁₀-OBS), octanoyloxybenzenesulphonate (C₈-OBS), perhydrolyzable esters, 4-[N-(nonaoyl) amino hexanoyloxy]-benzene sulfonate sodium salt (NACA-OBS), lauryloxybenzenesulphonate (LOBS or C₁₂-OBS), 10-undecenoyloxybenzenesulfonate (UDOBS or C₁₁-OBS with unsaturation in the 10 position), and decanoyloxybenzoic acid (DOBA) and mixtures thereof, and further optionally comprising at least one bleach catalyst, preferably 3-(3,4-dihydroisoquinolium) propane sulfonate.

34. The cleaning composition according to Claim 23 wherein said cleaning composition is a fabric cleaning composition, preferably in the form of a liquid, granule, bar, tablet, gel, powder or foam, comprising at least about 5% surfactant and at least about 5% builder by weight of the composition.

35. The cleaning composition according to Claim 23 wherein said cleaning composition is a fabric cleaning composition comprising:

- (a) from about 0.0001% to about 10% by weight of said protease variant;
- (b) at least about 5% by weight of a surfactant preferably selected from the group consisting of alkyl benzene sulfonates, primary alkyl sulfates, secondary alkyl sulfates, alkyl alkoxy sulfates, alkyl alkoxy carboxylates, alkyl polyglycosides and their corresponding sulfated polyglycosides, alpha-sulfonated fatty acid esters, alkyl and alkyl phenol alkoxyates, betaines and sulfobetaines, amine oxides, N-methyl glucamides, nonionic primary alcohol ethoxylates, nonionic primary alcohol mixed ethoxy/propoxy, and mixtures thereof; and wherein further the builder is selected from the group consisting of zeolites, polycarboxylates, layered silicates, phosphates, and mixtures thereof; and
- (c) at least about 5% by weight of a builder preferably selected from the group consisting of zeolites, polycarboxylates, layered silicates, phosphates, and mixtures thereof.

36. The cleaning composition according to Claim 35 is in the form of a concentrated granular fabric cleaning composition comprising at least about 15% surfactant.

37. A method for cleaning fabric, said method comprising contacting a fabric in need of cleaning with a cleaning composition according to Claims 34 or 35.

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38. The cleaning composition according to Claim 23 wherein said cleaning composition is a dishwashing composition, preferably in the form of a liquid, granule, powder, gel or tablet, comprising:

- 5 (a) from about 0.0001% to about 10% by weight of said protease variant; and
- (b) from about 0.1% to about 10% by weight of a surfactant.

39. A method for cleaning dishes, said method comprising contacting a dish in need of cleaning with a cleaning composition according to Claim 38.

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40. A personal cleansing composition comprising:

- (a) an effective amount of a protease variant wherein said protease variant includes a substitution of an amino acid residue with another naturally occurring amino acid residue at one or more amino acid residue positions corresponding to positions 62, 212, 230, 232, 15 252 and 257 of *Bacillus amyloliquefaciens* subtilisin; and
- (b) one or more cleaning adjunct materials.

41. The personal cleansing composition according to Claim 40 wherein said personal cleansing composition comprises:

- 20 (a) from about 0.001% to about 5%, preferably from about 0.001% to about 2%, more preferably from about 0.002% to about 0.8% by weight of said protease variant; and
- (b) from about 0.1% to about 95% by weight of a surfactant system preferably comprising a surfactant selected from the group consisting of anionic carboxylates, amine 25 oxides, alkyl glucosides, glucose amides, alkyl sulfates, alkyl ether sulfates, acyl isethionates, alkyl sulfosuccinates, alkyl phosphate esters, ethoxylated phosphate esters, alkyl glyceryl ether sulfonates and mixtures thereof, more preferably comprising a surfactant selected from the group consisting of soaps, acylglutamates, alkyl sarcosinates, lauramine oxides, cocamine oxides, cocamindopropylamine oxides, decylglucosides, lauryl 30 sulfates, laureth sulfates, C₁₂₋₁₈ acyl isethionates and mixtures thereof; and
- (c) optionally, from about 0.05% to about 50% by weight of an enzyme stabilizer.

42. The personal cleansing composition according to Claim 41 wherein said surfactant 35 is soap at a level of at least about 2%, preferably at least about 10%, more preferably at least about 25% by weight of the cleaning composition.

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43. The personal cleansing composition according to Claim 42 wherein the ratio of soap to protease variant is from about 2,000:1 to about 8:1, preferably from about 400:1 to about 40:1.
- 5 44. A method for personal cleansing, said method comprising contacting a part of the human or lower animal body in need of cleaning with a cleaning composition according to Claim 40.
- 10 45. A method for pretreating a fabric in need of cleaning, said method comprising contacting said fabric prior to washing said fabric with an aqueous solution containing a surfactant with a cleaning composition according to Claims 12 or 13.
- 15 46. A method for pretreating a fabric in need of cleaning, said method comprising contacting said fabric prior to washing said fabric with an aqueous solution containing a surfactant with a cleaning composition according to Claims 34 or 35.

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